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In the Claims:

Please cancel claims 3, 9, 10, 11, 14, 15, 16, 19, 25, 26, 27, 34, 37, 43, 45, 52, 54 and 56 without prejudice or dedication.

Please amend the claims as indicated below.

1. (currently amended) A method of transferring information from a server system to a client system, said method comprising:

receiving, after transmission from said server system, at a simulator system disposed between said server system and said client system, network data that includes a portion having state information;

removing, at said simulator system, said portion from said network data;

appending, at said simulator system, said state information to at least one address

corresponding to a link located in a remaining portion of said network data; and

transmitting said remaining portion of said network data from said simulator system to said client system;

receiving, after transmission from said client system, at said simulator system, a network data request including a requested address having said state information appended thereto;

reconstructing, at said simulator system, said state information appended to said requested address in said network data request into another format;

deleting, at said simulator system, said state information appended to said requested address in said network data request;

forwarding said network data request and said reconstructed state information from said simulator system to said server system; and

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wherein said simulator system is a content switch configured to receive a data stream that includes said network data and said network data request.

2. (original) The method of claim 1 further comprising the step of parsing said remaining portion of said network data for said at least one address prior to said appending step.

3. (canceled)

4. (original) The method of claim 1 wherein said network data comprises a Web document.

5. (original) The method of claim 1 wherein said portion of said network data comprises a Hypertext Protocol (HTTP) header that includes a request to store a cookie.

6. (original) The method of claim 1 wherein said state information comprises a cookie name and a value.

7. (original) The method of claim 1 wherein said link comprises a hyperlink to a Web page and said at least one address comprises a Uniform Resource Locator (URL) of said Web page.

8. (original) The method of claim 1 wherein said remaining portion of said network data comprises a Web page.

9. (canceled)

10. (canceled)

11. (canceled)

12. (currently amended) The method of claim 19 wherein said network data request comprises a Hypertext Protocol (HTTP) request.

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13. (currently amended) The method of claim 19 wherein said network data request comprises a request for a Web document.

14. (canceled)

15. (canceled)

16. (canceled)

17. (currently amended) An apparatus for transferring information from a server system to a client system, said apparatus being configured to:

receive, after transmission from said server system, at a simulator system disposed between said server system and said client system, network data that includes a portion having state information;

remove, at said simulator system, said portion from said network data;

append, at said simulator system, said state information to at least one address corresponding to a link located in a remaining portion of said network data; and

transmit said remaining portion of said network data from said simulator system to said client system

receive, after transmission from said client system, at said simulator system, a network data request including a requested address;

reconstruct, at said simulator system, said state information appended to said requested address in said network data request into another format;

delete, at said simulator system, said state information from said at least one address in said network data request;

forward said network data request and said reconstructed state information from said simulator system to said server system; and

wherein said simulator system is a content switch configured to receive a data stream that includes said network data and said network data request.

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18. (original) The apparatus of claim 17 further configured to parse said remaining portion of said network data for said at least one address prior to appending said state information.

19. (canceled)

20. (original) The apparatus of claim 17 wherein said network data comprises a Web document.

21. (original) The apparatus of claim 17 wherein said portion of said network data comprises a Hypertext Protocol (HTTP) header that includes a request to store a cookie.

22. (original) The apparatus of claim 17 wherein said state information comprises a cookie name and a value.

23. (original) The apparatus of claim 17 wherein said link comprises a hyperlink to a Web page and said at least one address comprises a Uniform Resource Locator (URL) of said Web page.

24. (original) The apparatus of claim 17 wherein said remaining portion of said network data comprises a Web page.

25. (canceled)

26. (canceled)

27. (canceled)

28. (currently amended) The apparatus of claim 17-25 wherein said request comprises a Hypertext Protocol (HTTP) request.

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29. (currently amended) The apparatus of claim 17 25 wherein said request comprises a request for a Web document.

30. (currently amended) The apparatus of claim 17 25 wherein said state information includes a cookie name and a value.

31. (currently amended) The apparatus of claim 17 25 wherein ~~said remaining portion of said requested~~ address includes a Uniform Resource Locator (URL) of a Web page.

32. (currently amended) The apparatus of claim 17 25 wherein said reconstructed formatted state information comprises a cookie.

33. (currently amended) An apparatus for transferring information from a server system to a client system, said apparatus comprising:

means for receiving, at a simulator system disposed between said server system and said client system, after transmission from said server system, network data that includes a portion having state information;

means for removing, at said simulator system, said portion from said network data;

means for appending, at said simulator system, said state information to at least one address corresponding to a link located in a remaining portion of said network data; and

means for transmitting said remaining portion of said network data from said simulator system to said client system; and

means for receiving, after transmission from said client system, at said simulator system, a network data request including a requested address having said state information appended thereto;

means for reconstructing, at said simulator system, said state information appended to said at least one address in said network data request into another format;

means for deleting, at said simulator system, said state information appended to said requested address in said network data request;

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means for forwarding said network data request and said reconstructed state information from said simulator system to said server system; and

wherein said simulator system is a content switch configured to receive a data stream that includes said network data and said network data request.

34. (canceled)

35. (currently amended) A computer readable medium, comprising:

instructions for transferring information from a server system to a client system, said instructions comprising:

instructions for receiving, at a simulator system disposed between said server system and said client system, after transmission from said server system, network data that includes a portion having state information;

instructions for removing, at said simulator system, said portion from said network data;

instructions for appending, at said simulator system, said state information to at least one address corresponding to a link located in a remaining portion of said network data; and

instructions for transmitting said remaining portion of said network data from said simulator system to said client system

instructions for receiving, after transmission from said client system, at said simulator system, a request including a requested address having said state information appended thereto;

instructions for formatting, at said simulator system, said state information appended to said requested address in said request;

instructions for deleting, at said simulator system, said state information appended to said requested address in said request;

instructions for forwarding said request and said formatted state information from said simulator system to said server system; and

wherein said simulator system is a content switch configured to receive a data stream that includes said network data and said request.

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36. (currently amended) The medium of claim 35 further comprising instructions for parsing said ~~remaining portion of said network data~~ for said at least one address prior to appending said state information.

37. (canceled)

38. (original) The medium of claim 35 wherein said network data comprises a Web document.

39. (original) The medium of claim 35 wherein said portion of said network data comprises a Hypertext Protocol (HTTP) header that includes a request to store a cookie.

40. (original) The medium of claim 35 wherein said state information comprises a cookie name and a value.

41. (original) The medium of claim 35 wherein said link comprises a hyperlink to a Web page and said at least one address comprises a Uniform Resource Locator (URL) of said Web page.

42. (original) The medium of claim 35 wherein said remaining portion of said network data comprises a Web page.

43. (canceled)

44. (currently amended) The medium of claim ~~35~~ 43 further comprising instructions for parsing said requested address for said state information prior to removing said state information ~~portion~~.

45. (canceled)

46. (currently amended) The medium of claim ~~35~~ 43 wherein said request comprises a Hypertext Protocol (HTTP) request.

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47. (currently amended) The medium of claim 35 43 wherein said request comprises a request for a Web document.

48. (canceled) The medium of claim 35 43 wherein said state information includes a cookie name and a value.

49. (canceled) The medium of claim 35 43 wherein said ~~remaining portion of said~~ requested address includes a Uniform Resource Locator (URL) of a Web page.

50. (canceled) The medium of claim 35 43 wherein said formatted state information comprises a cookie.

51. (currently amended) A method of transferring information from a host server system to a client system, said method comprising:

receiving, at a simulator system disposed between said host server system and said client system, after transmission from said host server system, a Web document that includes a Hypertext Protocol (HTTP) header that includes a request to store a cookie;

parsing, at said simulator system, said HTTP header of said Web document to locate said cookie;

removing, at said simulator system, said cookie from said Web document;

appending, at said simulator system, said cookie information from said request to store said cookie to at least one Uniform Resource Locator (URL) within a hyperlink to a Web page located within a ~~further Web page of~~ said Web document; and

transmitting said Web document from said simulator system to said client system;

receiving, after transmission from said client system, at said simulator system, a Web document request including a requested Uniform Resource Locator (URL) having said cookie information appended thereto;

reconstructing, at said simulator system, said cookie information appended to said requested Uniform Resource Locator (URL) in said request into another format to form a reconstructed cookie;



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deleting, at said simulator system, said cookie information appended to said requested Uniform Resource Locator in said request;

forwarding said request and said reconstructed cookie from said simulator system to said host server system; and

wherein said simulator system is a content switch configured to receive a data stream that includes said network data and said request.

52. (canceled)

53. (currently amended) An apparatus for transferring information from a host server system to a client system, said apparatus being configured to:

receive, at a simulator system disposed between said host server system and said client system, after transmission from said host server system, a Web document that includes a Hypertext Protocol (HTTP) header that includes a request to store a cookie;

parse, at said simulator system, said HTTP header of said Web document to locate said cookie;

remove, at said simulator system, said request to store said cookie from said Web document;

append, at said simulator system, said cookie information from said request to store said cookie to at least one Uniform Resource Locator (URL) within a hyperlink to a Web page located within a further Web page of said Web document; and

transmit said Web document from said simulator system to said client system;

receive, after transmission from said client system, at said simulator system, a Web document request including a requested Uniform Resource Locator (URL) having said cookie information appended thereto;

reconstruct, at said simulator system, said cookie information appended to said requested Uniform Resource Locator (URL) in said request into another format to form a reconstructed cookie;

delete, at said simulator system, said cookie information appended to said requested Uniform Resource Locator (URL) in said request;

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forward said request and said reconstructed cookie from said simulator system to said host server system; and

wherein said simulator system is a content switch configured to receive a data stream that includes said network data and said request.

54. (canceled)

55. (currently amended) A computer readable medium comprising:

instructions for transferring information from a host server system to a client system, comprising:

instructions for receiving, at a simulator system disposed between said host server system and said client system, after transmission from said host server system, a Web document that includes a Hypertext Protocol (HTTP) header that includes a request to store a cookie;

instructions for parsing, at said simulator system, said HTTP header of said Web document;

instructions for removing, at said simulator system, said request to store said cookie from said Web document;

instructions for appending, at said simulator system, said cookie information from said request to store said cookie to at least one Uniform Resource Locator (URL) within a hyperlink to a Web page located within a further Web page of said Web document; and

instructions for transmitting said Web document from said simulator system to said client system;

instructions for receiving, after transmission from said client system, at said simulator system, a Web document request, said request including said a requested Uniform Resource Locator (URL) having said cookie information appended thereto;

instructions for reconstructing, at said simulator system, said cookie information appended to said requested Uniform Resource Locator (URL) in said request into another format to form a reconstructed cookie;

instructions for deleting, at said simulator system, said cookie information appended to said at least one Uniform Resource Locator (URL) in said request;

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instructions for forwarding said request and said reconstructed cookie from said simulator system to said host server system; and

wherein said simulator system is a content switch configured to receive a data stream that includes said network data and said request.

56. (canceled)